$costvar,\ c$
$termvar,\ x,\ y,\ z,\ f$
$baseAttackVar,\ b$
$index,\ i,\ j,\ k$

$$
\begin{array}{lll}
A,\ B,\ C & ::= & \\
& \mid & b \\
& \mid & A \odot B \\
& \mid & A \rhd B \\
& \mid & A \multimap B \\
& \mid & A \circ\!\!- B \\
& \mid & (A)
\end{array}
$$

$$
\begin{array}{lll}
\Gamma,\ \Delta,\ \Theta,\ \Psi & ::= & \\
& \mid & \cdot \\
& \mid & A \\
& \mid & \Gamma, \Gamma'
\end{array}
$$

$\boxed{\Delta; \Gamma \vdash A}$

$$\frac{}{\cdot; A \vdash A}\ \textsc{var}$$

$$\frac{}{A; \cdot \vdash A}\ \textsc{var}\mathrm{C}$$

$$\frac{\Delta_1; \Gamma_1 \vdash A \quad \Delta_2; \Gamma_2 \vdash B}{\Delta_1, \Delta_2; \Gamma_1, \Gamma_2 \vdash A \odot B}\ \textsc{para}\mathrm{I}$$

$$\frac{\Delta_1; \Gamma_2 \vdash A \odot B \quad \Delta_2; \Gamma_1, A, B, \Gamma_3 \vdash C}{\Delta_1, \Delta_2; \Gamma_1, \Gamma_2, \Gamma_3 \vdash C}\ \textsc{para}\mathrm{E}$$

$$\frac{\Delta_1; \Gamma_1 \vdash A \quad \Delta_2; \Gamma_2 \vdash B}{\Delta_1, \Delta_2; \Gamma_1, \Gamma_2 \vdash A \rhd B}\ \textsc{seq}\mathrm{I}$$

$$\frac{\Delta_2; \Gamma_1 \vdash A \rhd B \quad \Delta_1, A, B, \Delta_3; \Gamma_2 \vdash C}{\Delta_1, \Delta_2, \Delta_3; \Gamma_1, \Gamma_2 \vdash C}\ \textsc{seq}\mathrm{E}$$

$$\frac{\Delta; \Gamma_1, A, B, \Gamma_2 \vdash C}{\Delta; \Gamma_1, B, A, \Gamma_2 \vdash C}\ \textsc{ex}$$

$$\frac{\Delta; \Gamma, A \vdash B}{\Delta; \Gamma \vdash A \multimap B}\ \textsc{imp}\mathrm{I}$$

$$\frac{\Delta_1; \Gamma_1 \vdash A \multimap B \quad \Delta_2; \Gamma_2 \vdash A}{\Delta_1, \Delta_2; \Gamma_1, \Gamma_2 \vdash B}\ \textsc{imp}\mathrm{E}$$

$$\frac{\Delta_2; \Gamma_1 \vdash A \multimap B \quad \Delta_1; \Gamma_2 \vdash B \multimap C}{\Delta_1, \Delta_2; \Gamma_1, \Gamma_2 \vdash A \multimap C}\ \textsc{comp}$$

```
Definition rules:        10 good    0 bad
Definition rule clauses: 18 good    0 bad
```